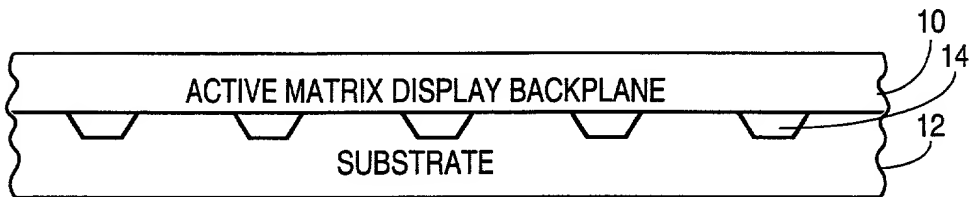
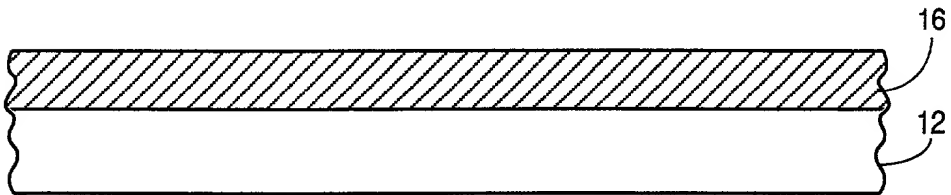


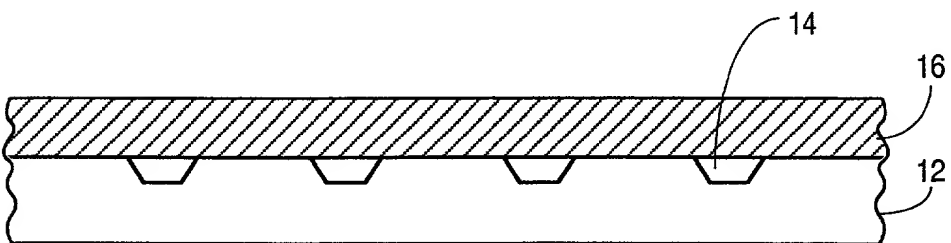
**Fig. 1a**  
(Prior Art)



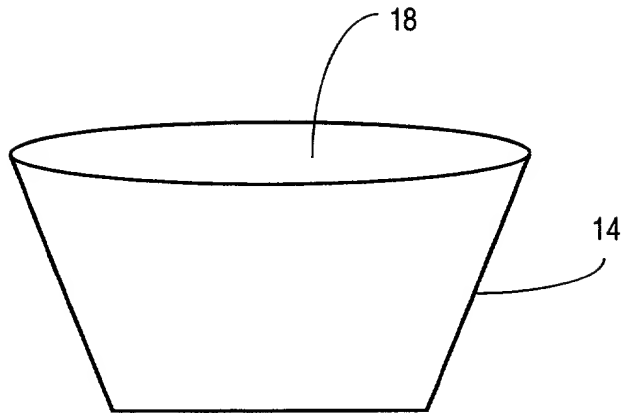
**Fig. 1b**  
(Prior Art)



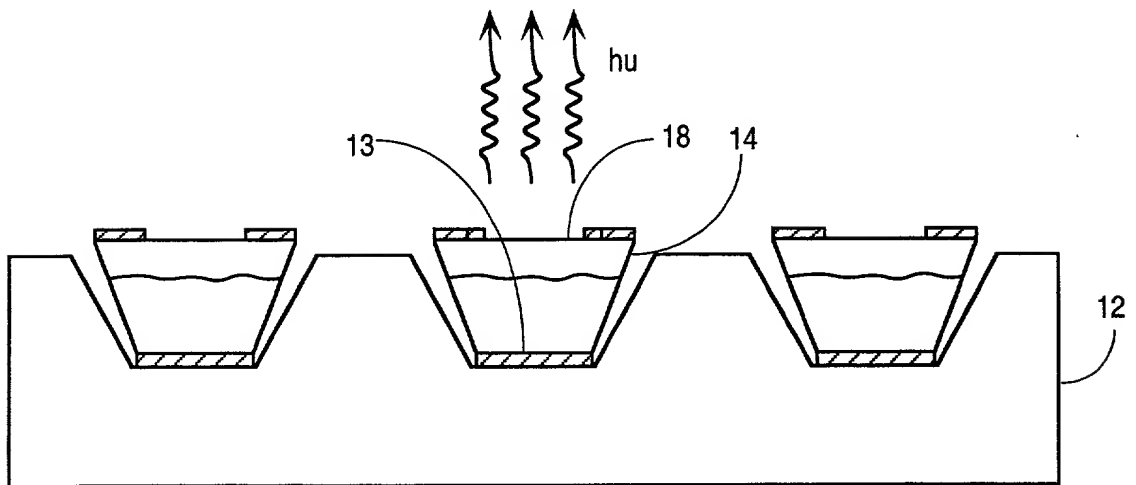
**Fig. 1c**  
(Prior Art)



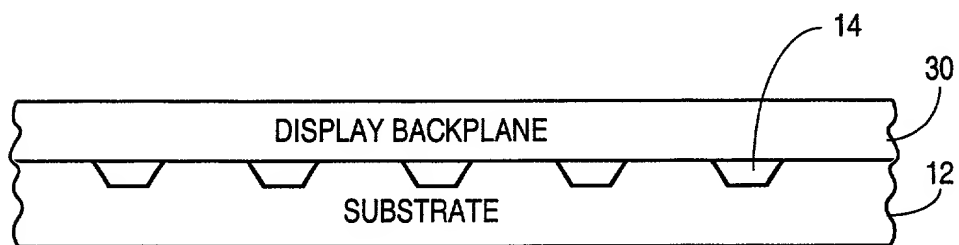
**Fig. 1d**  
(Prior Art)



**Fig. 2**  
(Prior Art)



**Fig. 3**  
(Prior Art)

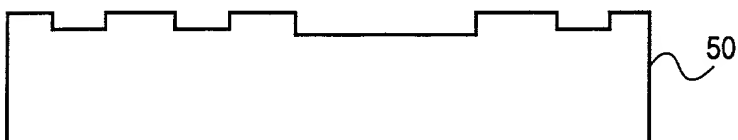


**Fig. 4**  
(Prior Art)

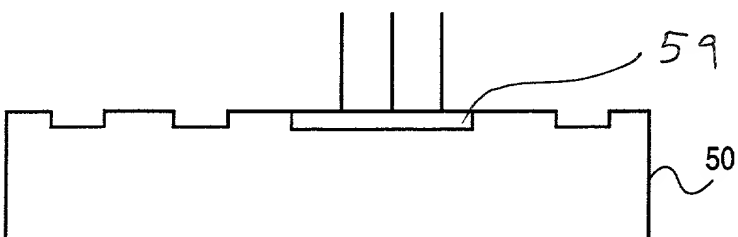




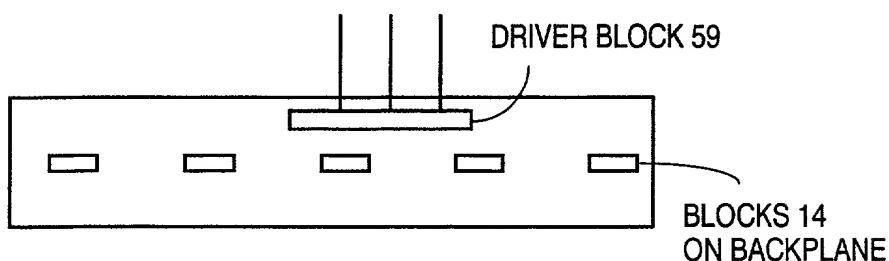
**Fig. 6a**



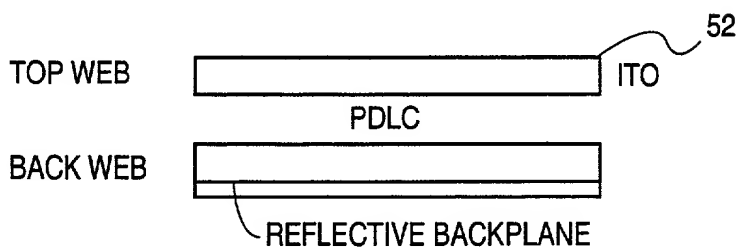
**Fig. 6b**



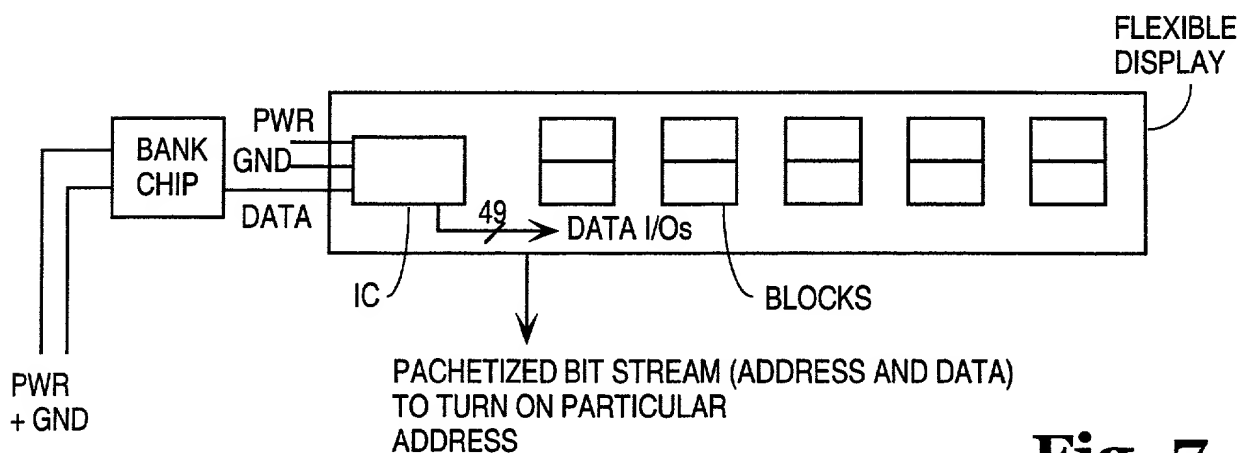
**Fig. 6c**



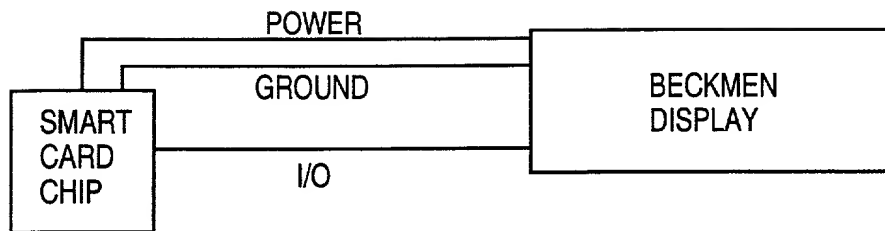
**Fig. 6d**



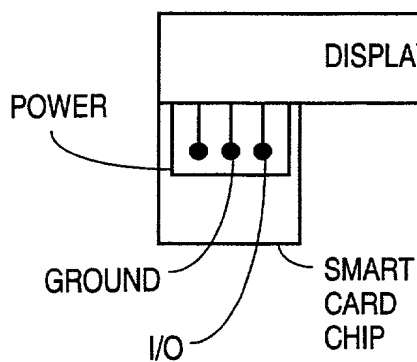
**Fig. 6e**



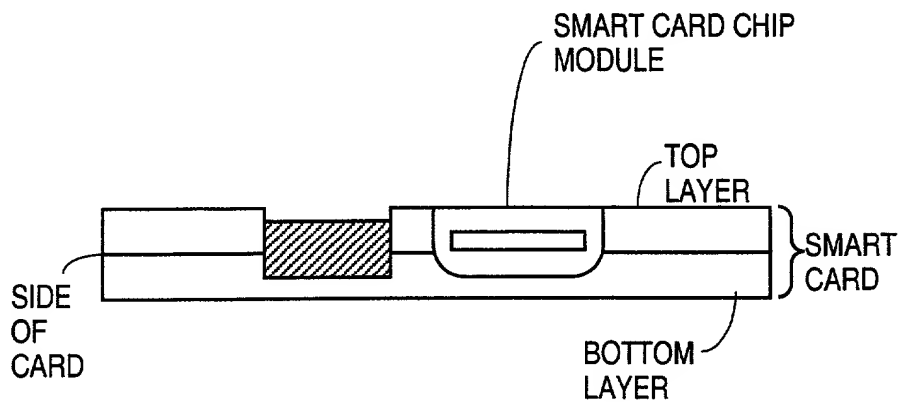
**Fig. 7**



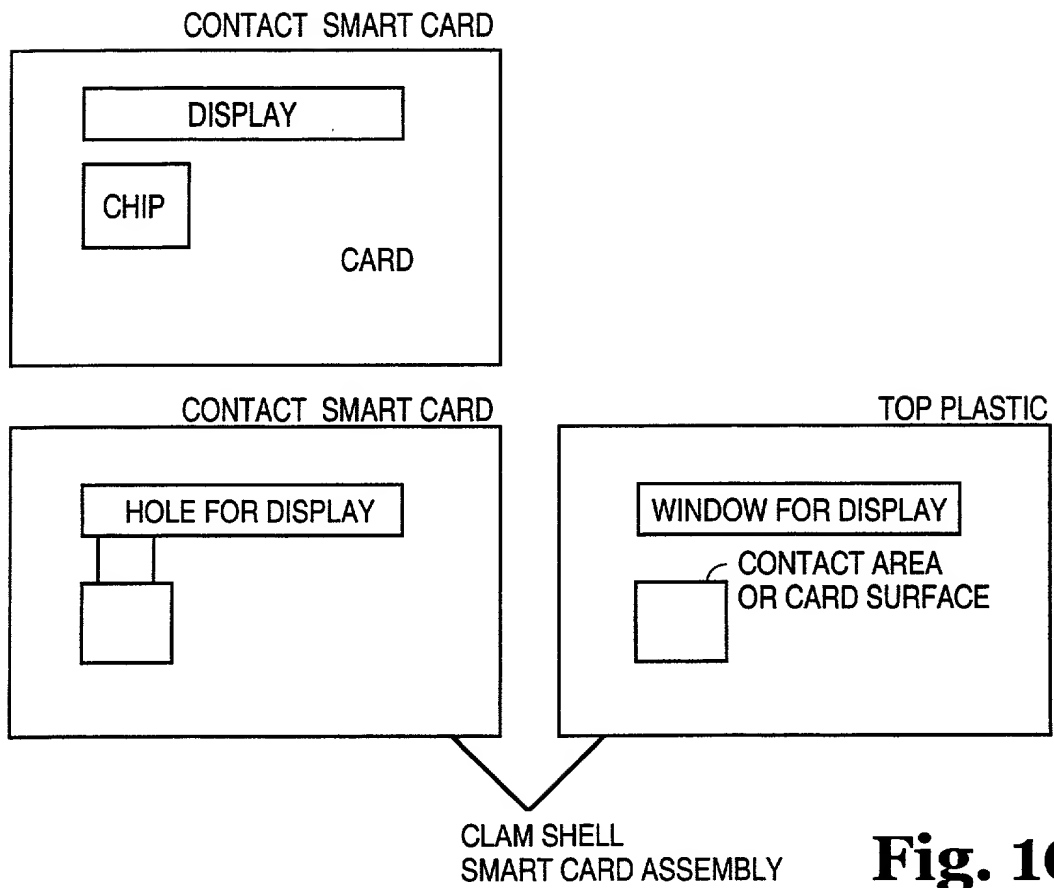
**Fig. 8a**



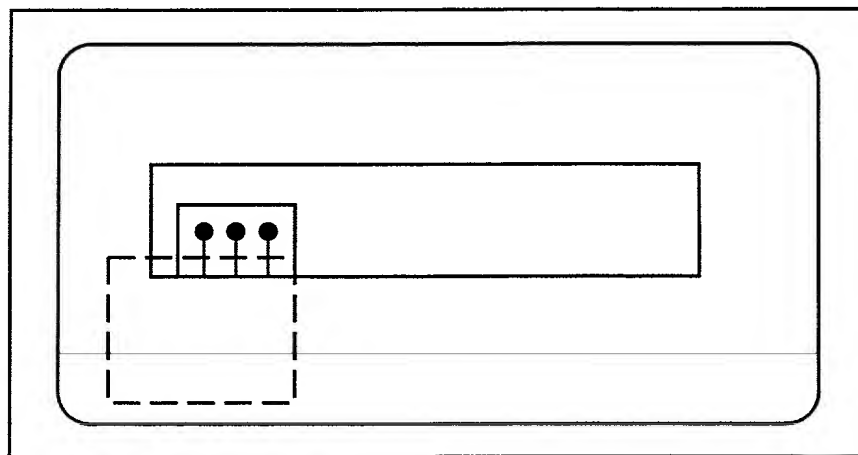
**Fig. 8b**



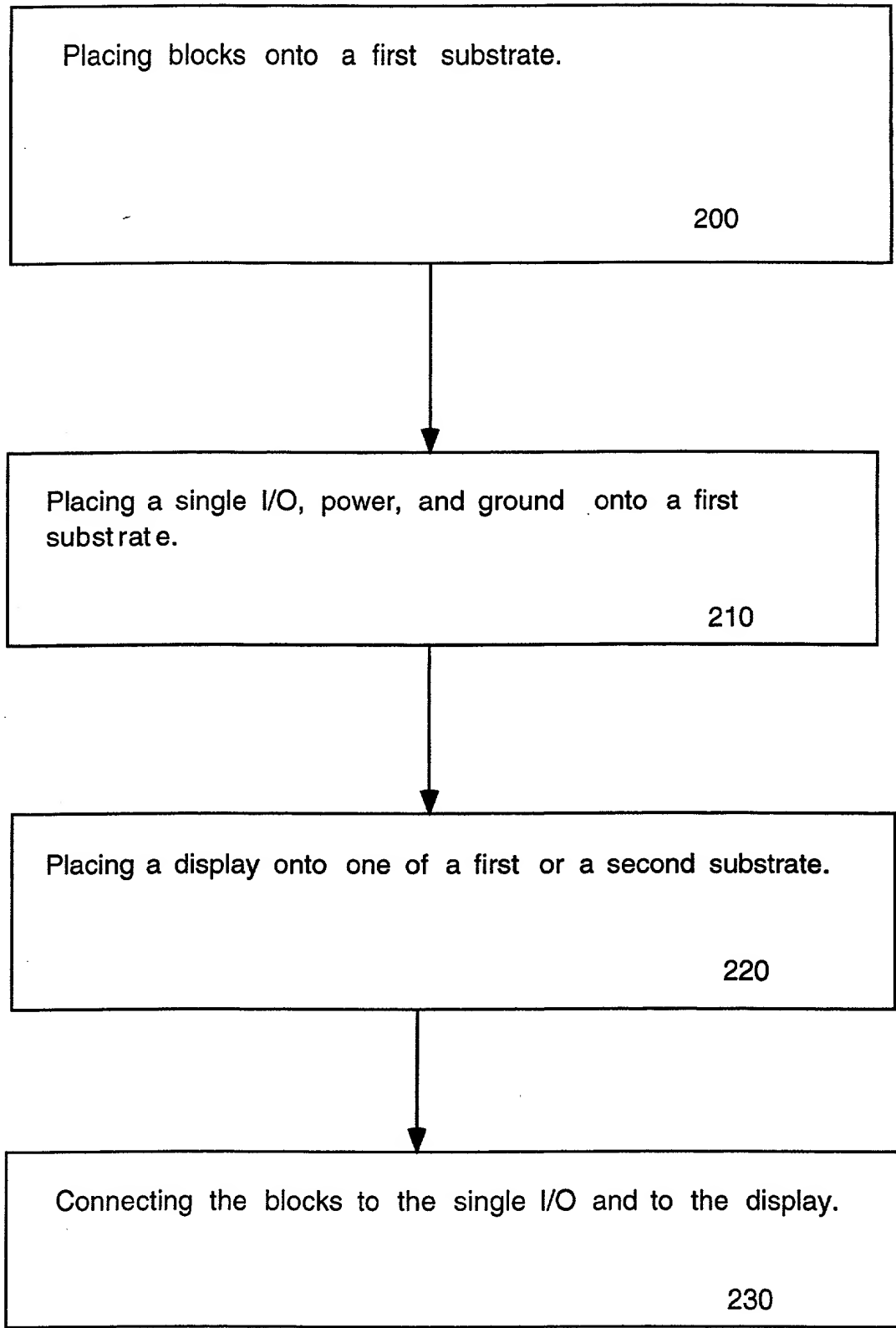
**Fig. 9**



**Fig. 10**



**Fig. 11**



**FIG. 12A**

Transferring N bits of data on a single input/output on a contact smart card.

240



Displaying N bits of data.

250

FIG. 12B



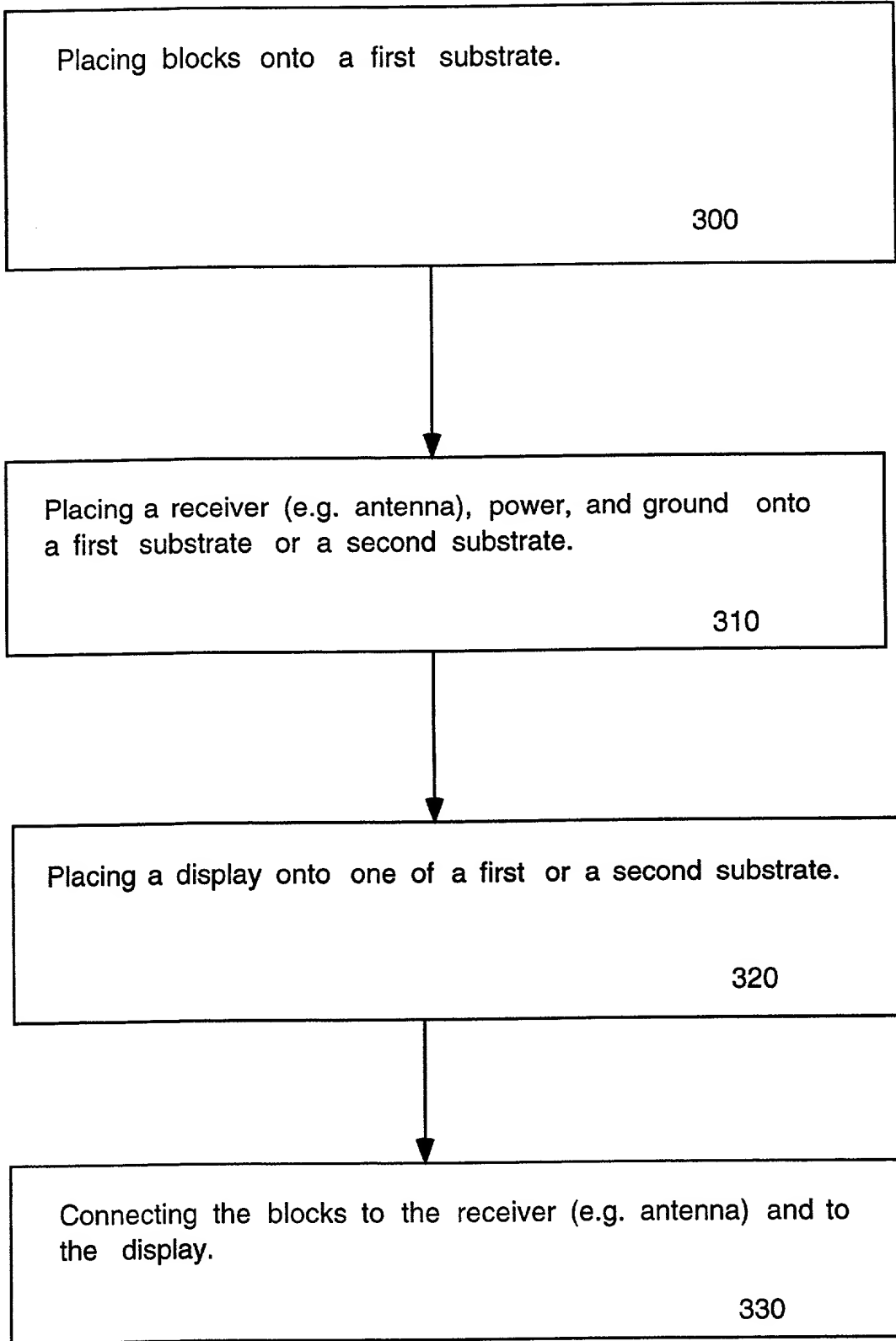


FIG. 13a

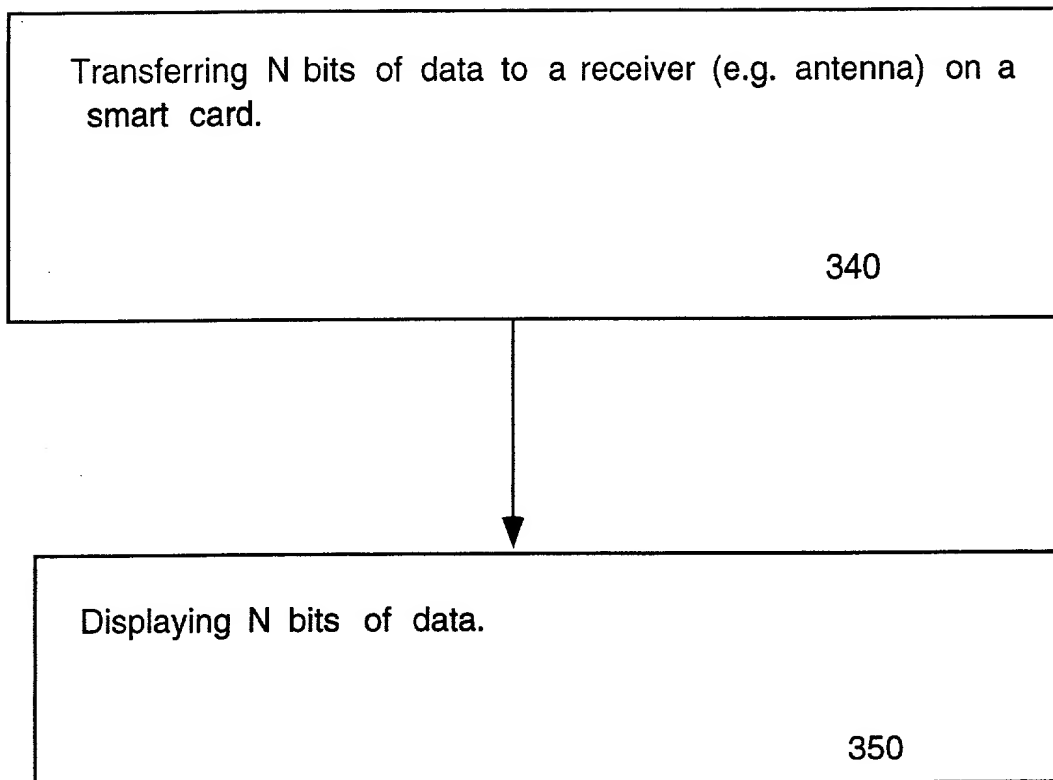


FIG. 13B

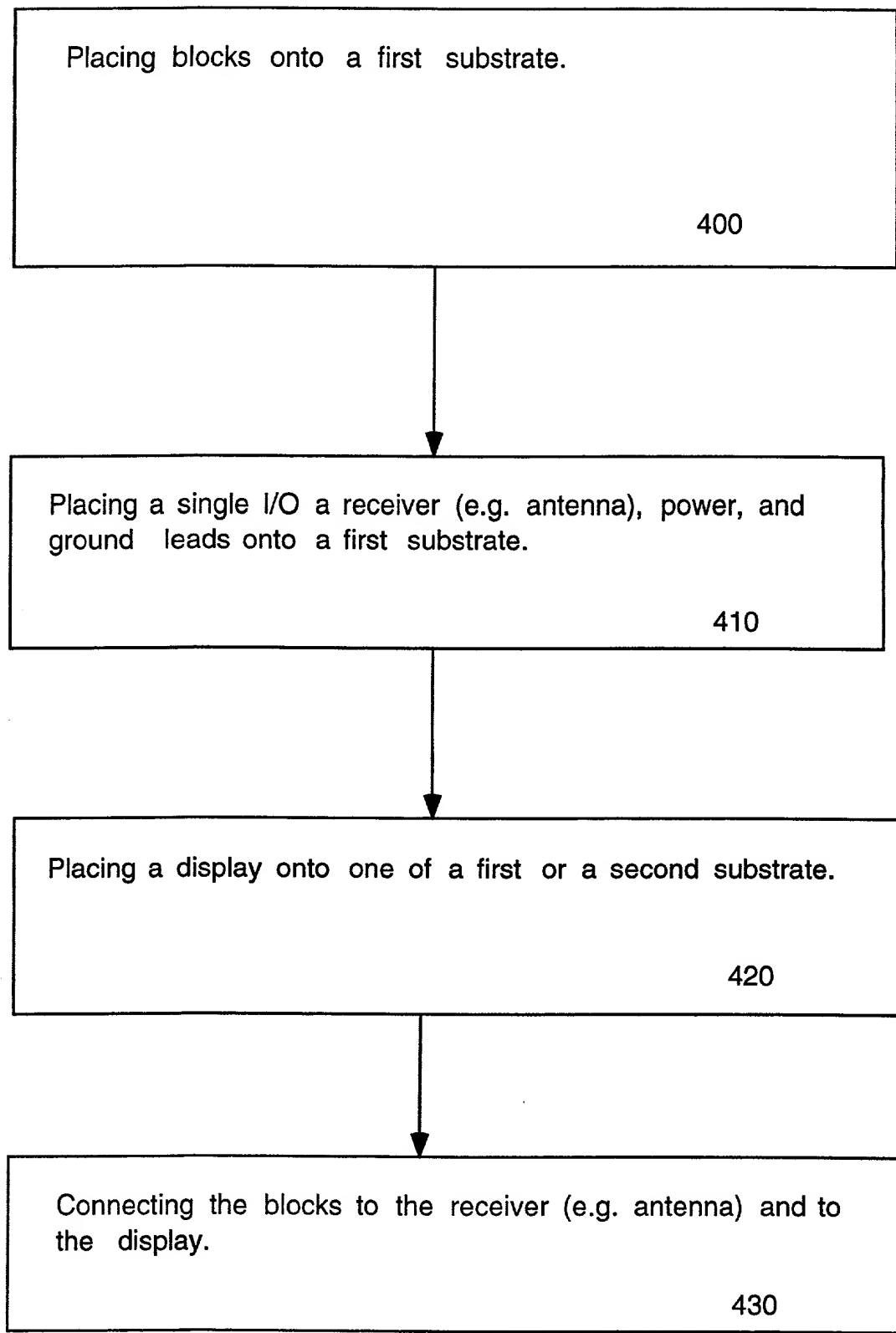


FIG. 14a

Transferring N bits of data to a receiver (e.g. antenna) on a smart card.

440



Displaying N bits of data.

450

FIG. 14B